

Fig. 1

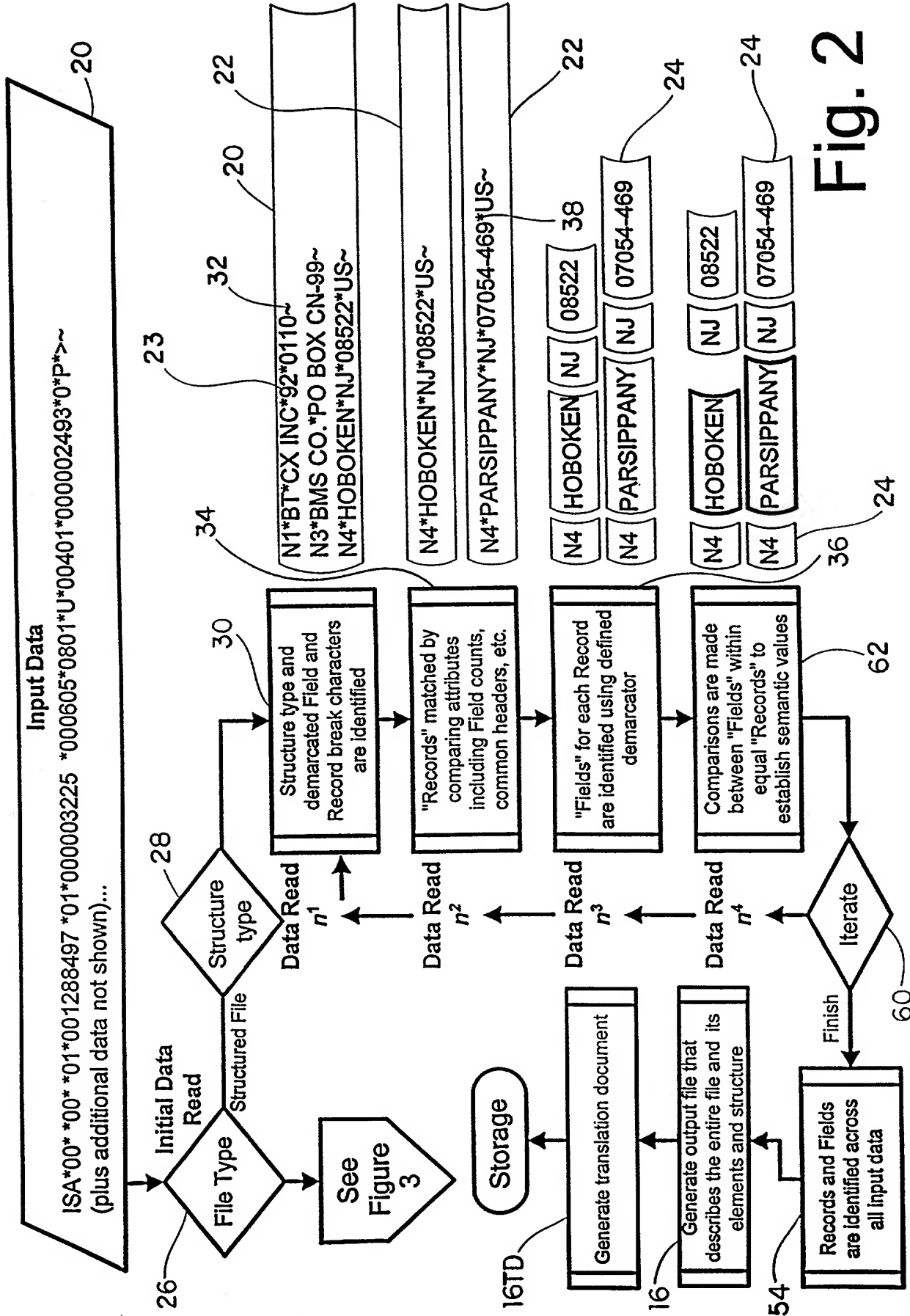


Fig. 2

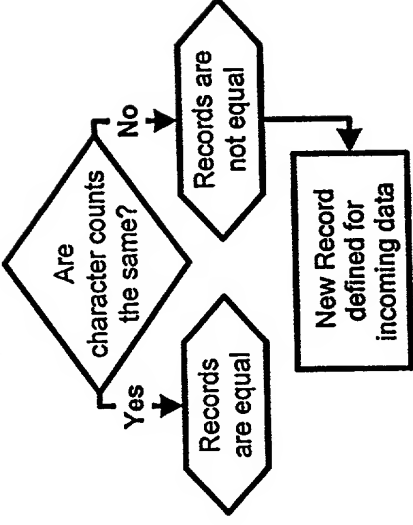


Fig. 2A

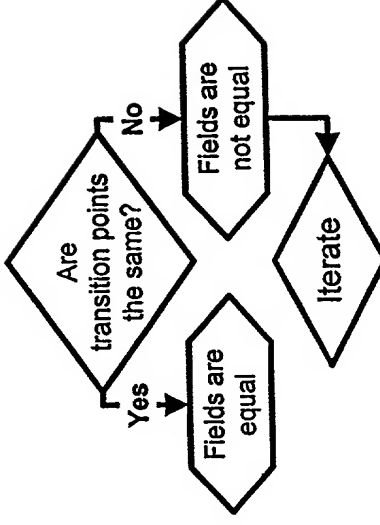


Fig. 2B

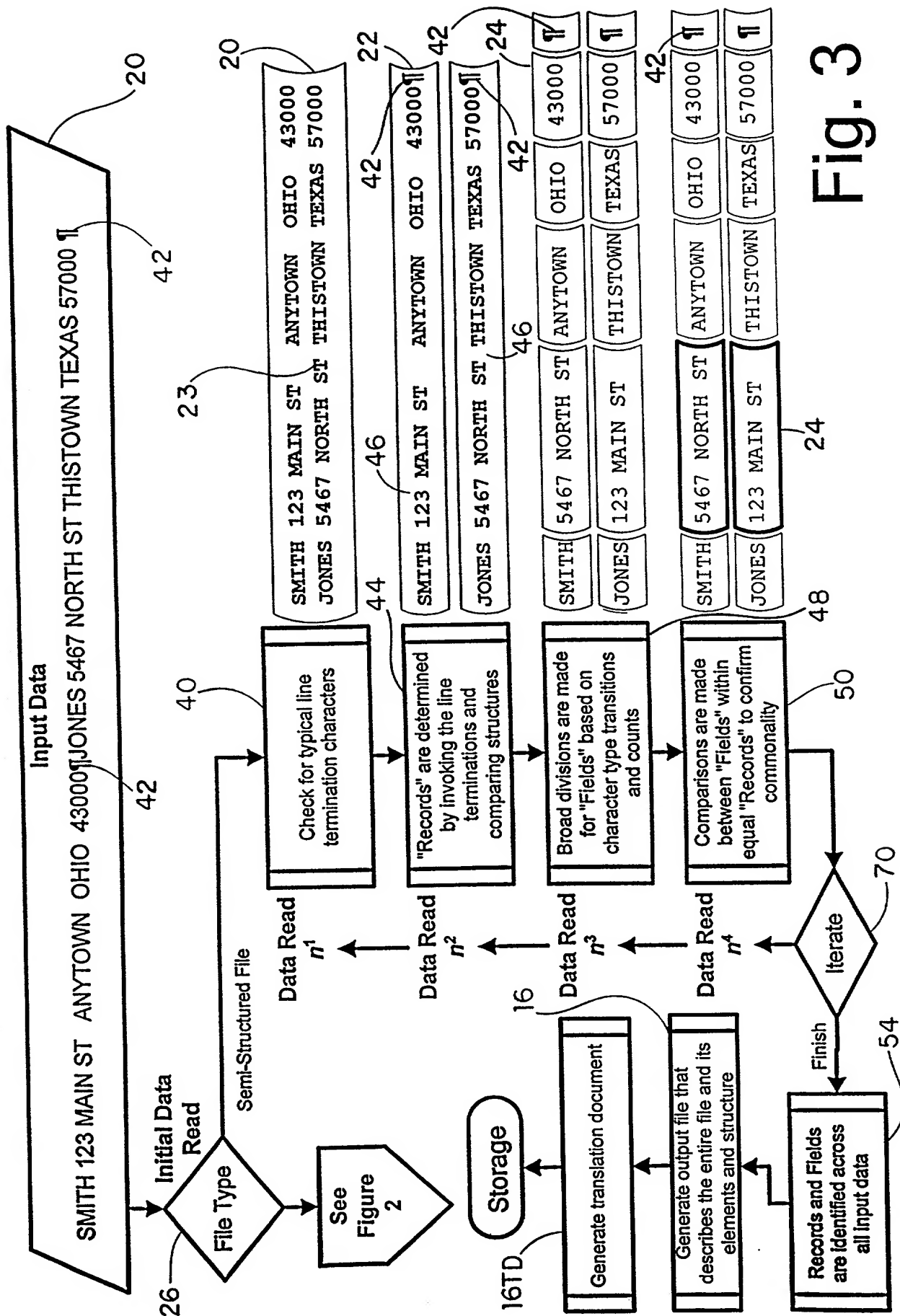


Fig. 3

Structured Data - Simple XML (Portion)

```
<?xml version="1.0" encoding="windows-1252" ?>
<EDD>
<STANDARD>
<AGENCY ID = "X"/>
<VERSION ID = "004010"/>
<RELEASE ID = "0"/>
</STANDARD>
<XMLFILE NAME = "1" DESCRIPTION="1" XMLTAG = "1">
<XMLELEMENT NAME="1.1" MINLOOP="1" MAXLOOP="11">
<XMLELEMENT NAME="1.1.1" XMLTAG="1.1.1">
<XMLELEMENT>
<XMLELEMENT NAME="1.1.2" XMLTAG="1.1.2">
<XMLELEMENT>
</XMLFILE>
</EDD>
```

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Structured Data - EDI Sample

```
ISA*00* *00* *01*001288497 *01*0000003225
*000605*0801*U*00401*000002493*0*P*~>
GS*PO*001288497*000003225*20000605*0801*2493*X*004010~
ST*850*008471854~
BEG*00*KN*0040639988**20000605*00300003773*AC*IEL~
REF*CUR*USD~
PER*BD*JOHN DOE*TE*203-555-1234~
FOB*CC*OR*FOB ORIGIN FREIGHT COLLECT*01*FOB*19*CALL
2035551234 FOR ROUTING~
ITD*01*3*****50*****WITHIN 50 DAYS DUE NET~
N9*TOC*ZZ~
MSG*PLEASE ATTACH COA ON ALL CONTAINERS~
```

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Structured Data - Complex XML (Portion)

```
<?xml version="1.0" encoding="windows-1252"?>
<GENTRANDDF VERSION="1.0"><STANDARD><AGENCY ID="X"/>
<VERSION ID="004010"/><TRANSACTION ID="810"/><RELEASE ID="0"/>
<FUNCTIONALGROUP ID="IN"/><STANDARD><XMLFILE NAME="Invoice"
ACTIVE="yes" XMLTAG="Invoice"
OUTPUT_FORMAT="newlines_and_indent"
OUTPUT_HEADER="prolog"><XMLELEMENT NAME="BIG" ACTIVE="yes">
MINLOOP="1" MAXLOOP="1" XMLTAG="BeginningSegmentForInvoice">
<XMLELEMENT NAME="BIG_01" DESCRIPTION="DATE"
MANDATORY="yes" ACTIVE="yes" XMLTAG="date" MINDATALEN="8"
MAXDATALEN="8" TYPE="date" FORMAT="YYYYMMDD"/><XMLELEMENT
NAME="BIG_02">
```

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Structured Data - Database Sample (Browse view)

CHANGE	ICVDADDR	ICODADDR	NUMBERX	OPER	S_CODE	FACE
E	00302	37000	1	JRD	00	E0030237
E	01800	37001	1	JRD	00	E018003701
E	05262	37002	1	JRD	00	E052623702
E	05263	37003	1	JRD	00	E052633703
E	05324	37004	1	JRD	00	E053243704
E	05325	37005	1	JRD	00	E053253705
E	05326	37006	1	JRD	00	E053263706
E	05328	37007	1	JRD	00	E053283707
E	05329	37008	1	JRD	00	E053293708
E	05330	37009	1	JRD	00	E053303709

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Fig. 4

Semi-Structured Positional - Simple Content

0100116	BLUEGRASS TRUCKING
0100118	R R DONNELLEY & SO
0100119	LONG JOHN SILVERS
0100120	J T GOGGAN
0100121	WESTERN STEER
0100123	R R DONNELLEY & SO
0100125	R R DONNELLEY
0100150	WEBSTER RD
0100200	6190 LANCASTER RD
0100301	137 BONTA LN
0100600	ALUM SPRINGS RD

Semi-Structured Positional - Complex Content

MH5124591308AUSTIN	TX
1998PORSCHE	RED
1997MAZDA	WHITE
1997CADILLAC	BLUE
JT5122587100CEDARPARKTX	
1995JEEP	TAN
1973VOLKSWAGEN	BLUE
DY5128329000AUSTIN	TX
1988CHEVYPU	TEAL
1995HONDA	WHITE
SF5125551212CEDARPARKTX	
1996FORDEXPLOR	TAN
1996CHRYSLER	GREEN
1997DODGEPU	RED
DB5124591309AUSTIN	TX
1997HONDA	BLUE

Semi-Structured Delimited - Simple Content

"10", "01-7", "CENTRAL AVE", "13"
"11", "01-16", "SEVEN MILE RIVER", "14"
"112", "01-017", "ON THE TEN MILE RIVER", "13"
"0115", "155", "82 REVERSE ST", "798546201"
"016", "1154", "78 REVERSE ST", "01"
"8917", "8-15", "74 REVERSE ST", "041"
"458", "00-52", "70 REVERSE ST", "051"
"19", "66 REVERSE ST", "0231"
"805", "150", "62 REVERSE ST", "15"
"021", "0119", "REVERSE ST", "01"
"0010", "505", "66 COVE ST", "01"
"2", "160896", "61 REVERSE ST", "01"
"77-33", "01-159", "65 REVERSE ST", "61"
"34", "158-", "71 REVERSE ST", "51"

Semi-Structured Delimited - Complex Content

H2, 200104022, 0010, 3082001040, 3WG10
N1STALLGREEN CO., 8800 STATE RD., #19, WINDSOR, WI, 53008
N1BTALLGREEN CO., P.O. BOX 905, DANVILLE, IL, 61004
D1, 1, C012, 8441N, 10.68, 267, 25210
D1, 2, C012, 5043AC, 27.96, 559.2, 20, 160
D1, 3, C012, 1131AC, 44.76, 402.84, 9, 86.85
D1, 4, C012, 6164AB, 36.12, 1083.6, 30, 244.5
D1, 5, C012, 5281N, 10.68, 651.48, 61, 372.1
D1, 6, C012, 7441AB, 26.52, 716.04, 27, 224.1
D1, 7, C012, 5045F, 27.96, 1258.2, 45, 292.5
D1, 8, C012, 1111AC, 44.76, 1342.8, 30, 289.5

Fig. 5

Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
Population	1,000,000	1,050,000	1,100,000	1,150,000	1,200,000	1,250,000	1,300,000	1,350,000	1,400,000	1,450,000	1,500,000	1,550,000	1,600,000	1,650,000	1,700,000	1,750,000	1,800,000	1,850,000	1,900,000	1,950,000	2,000,000	2,050,000	2,100,000	2,150,000	2,200,000	2,250,000	2,300,000	2,350,000	2,400,000	2,450,000	2,500,000	2,550,000	2,600,000	2,650,000	2,700,000	2,750,000	2,800,000	2,850,000	2,900,000	2,950,000	3,000,000	3,050,000	3,100,000	3,150,000	3,200,000	3,250,000	3,300,000	3,350,000	3,400,000	3,450,000	3,500,000	3,550,000	3,600,000	3,650,000	3,700,000	3,750,000	3,800,000	3,850,000	3,900,000	3,950,000	4,000,000	4,050,000	4,100,000	4,150,000	4,200,000	4,250,000	4,300,000	4,350,000	4,400,000	4,450,000	4,500,000	4,550,000	4,600,000	4,650,000	4,700,000	4,750,000	4,800,000	4,850,000	4,900,000	4,950,000	5,000,000	5,050,000	5,100,000	5,150,000	5,200,000	5,250,000	5,300,000	5,350,000	5,400,000	5,450,000	5,500,000	5,550,000	5,600,000	5,650,000	5,700,000	5,750,000	5,800,000	5,850,000	5,900,000	5,950,000	6,000,000	6,050,000	6,100,000	6,150,000	6,200,000	6,250,000	6,300,000	6,350,000	6,400,000	6,450,000	6,500,000	6,550,000	6,600,000	6,650,000	6,700,000	6,750,000	6,800,000	6,850,000	6,900,000	6,950,000	7,000,000	7,050,000	7,100,000	7,150,000	7,200,000	7,250,000	7,300,000	7,350,000	7,400,000	7,450,000	7,500,000	7,550,000	7,600,000	7,650,000	7,700,000	7,750,000	7,80																																																																

